SMCWBR14S-N3

Barricade™ N 300Mbps 11n Wireless 4-port Broadband Router

OVERVIEW

The Barricade™ N Draft 11n Broadband Router (SMCWBR14S-N3) is an all-in-one networking solution for connecting and sharing your high speed cable/xDSL internet connection. This multi-functional broadband router combines a 4-port 10/100Mbps LAN switch, a 300Mbps Wireless-N (802.11n) access point, NAT firewall with SPI, and a user friendly web-based management interface in one convenient device. SMCWBR14S-N3 is compliant with the 802.11n v2.0 standard, providing up to 300Mbps high speed wireless connection. With security being a key consideration, SMCWBR14S-N3 supports the latest WPA and WPA2 wireless encryption standards, which prevent unauthorized access to wireless networks.

KEY FEATURES

Advanced, Robust Security

NAT firewall with Stateful Packet Inspection (SPI) provides protection from hackers and Denial of Service attacks to ensure that only authorized packets are allowed access to your network. WPA/WPA2 wireless encryptions prevent unauthorized access to wireless networks. Wireless security can also bet set up easily using Wi-Fi Protected Setup™ (WPS).

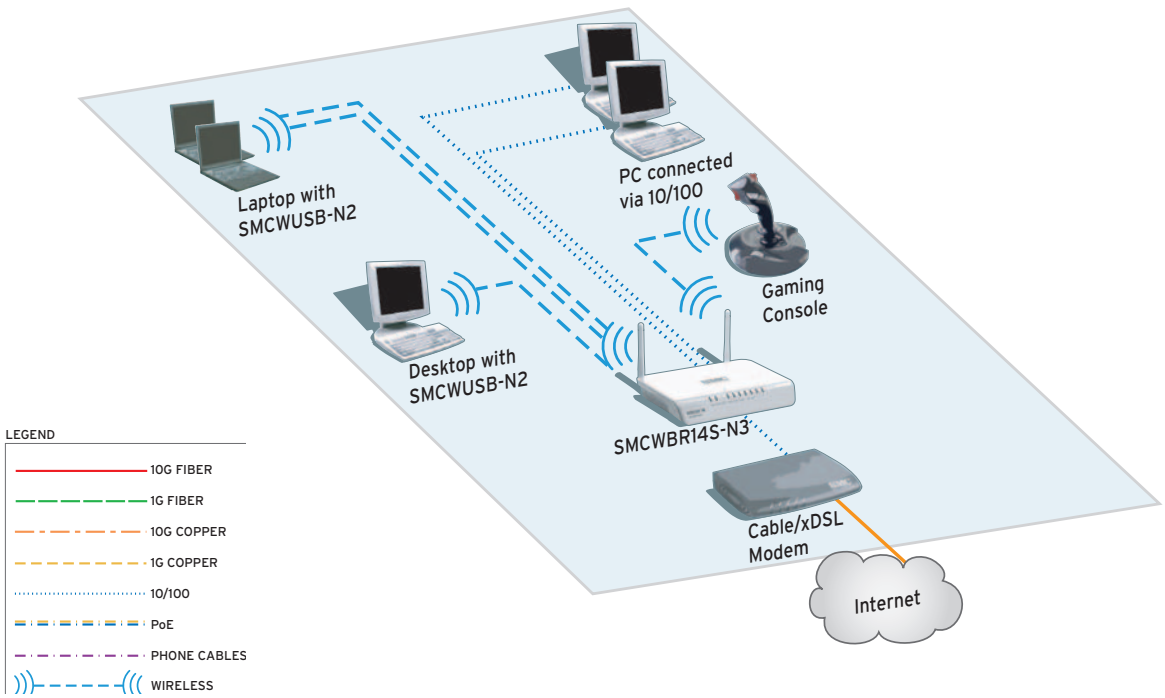
Feature Rich

SMCWBR14S-N3 provides a multitude of features for the most demanding network requirement including Wireless Distribution System (WDS), Dual SSIDs, Static and Dynamic Routing (RIP v1, v2), Quality of Service (QoS) and more.

Web-Based management interface

Simple and straightforward set-up with the intuitive web-based management interface and EZ™ Installation Wizard.

APPLICATION DIAGRAM



TECH SPECS - SMCWBR14S-N3

PHYSICAL
- One 10/100Mbps WAN port
- 4-port 10/100Mbps LAN switch
- Two External Fixed 2dBi antennas
- WPS button
- Reset button

LED INDICATORS
- Power
- LAN (Ethernet Link/Activity)
- WAN (Ethernet Link/Activity)
- WLAN (Wireless Link/ Activity)
- WPS (WPS in progress)

MANAGEMENT FEATURES
- EZ Installation Wizard
- Web based management interface (HTTP)
- Remote Management
- SNTP time synchronize
- UPnP
- Web-upgrade

SECURITY FEATURES
- NAT Firewall with SPI
- Intrusion Detection
- Access Control
- MAC, IP and Port filter
- Content, URL and Keyword Blocking
- DMZ Host
- SSID Broadcast disable
- Wireless MAC address filtering
- WEP 64-/128-Bit Encryption
- WPA-/WPA2-PSK (Pre-shared Key, TKIP, AES)
- WPA/WPA2 Enterprise mode (802.1x)
- WiFi Protected Setup (WPS, PBC and PIN methods)

ROUTER FEATURES
- Share your high speed cable/xDSL internet connection
- 4-port 10/100 LAN switch with auto MDI-MDIX
- Built-in 300Mbps Wireless Access Point
- Static Route
- Dynamic routing supporting RIP v1/v2
- NAT with ALGs, NAPT
- Wireless Distribution System (WDS)
- 802.11e WiFi Multimedia (WMM)
- IGMP Proxy
- Dual SSIDs
- Dynamic DNS
- DNS Proxy
- Virtual Server
- DHCP Server

STANDARDS
- Wired
  - IEEE 802.3 (10Base-T)
  - IEEE 802.3u (100Base-TX)
- Wireless
  - IEEE 802.11b
  - IEEE 802.11g
  - IEEE 802.11n

OPERATING FREQUENCY
- FCC: 2412~2462MHz (Ch1~Ch11)
- ETSI: 2412~2472MHz (Ch1~Ch13)
- Japan: 2412~2484MHz (Ch1~Ch14)
- TX Output Power:(Typical)
  - 802.11n: 17 +/- 1 dBm
  - 802.11g: 17+/- 1 dBm
  - 802.11b: 20 +/- 1 dBm

TEMPERATURE
- Operating: 0oC to 40oC (32oF to 104oF)
- Storage: -20oC to 60oC (-4oF to 140oF)

HUMIDITY
- Operating: 10% to 85% Non-Condensing
- Storage: 5% to 90% Non-Condensing

DIMENSIONS
- 185 x 138 x 35mm (LxWxH)
- 7.3 x 5 x 1.3in (LxWxH)

WEIGHT
- 255g
- 9oz

POWER REQUIREMENTS
- Input: 110 or 240 VAC, 50-60 Hz
- Output: 5V/ 2A

SYSTEM REQUIREMENTS
- Broadband (Cable/xDSL) Internet service and Modem with Ethernet connection.
- 2.4GHz 802.11n wireless adapter or 2.4GHz 802.11b/g Wireless adapter installed on each PC. Alternatively an Ethernet adapter may be used.
- Internet Explorer 5.5 or above, Mozilla Firefox 1.0 or above
- We recommend using this product with SMCWUSB-N2 wireless adapter

PACKAGE CONTENTS
- SMCWBR14S-N3
- 5V, 2A power adapter
- RJ45 cable
- QIG
- EZ Installation & Documentation CD
- Warranty information card

WARRANTY
- Please check www.smc.com for the warranty terms in your country/region

CONTACT

North America
20 Mason
Irvine, CA 92618
1-800-SMC-4YOU
24/7 Technical Support

Europe/Africa
Fructuos Gelabert 6-8
08970 Sant Joan Despí
Barcelona, Spain

Check www.smc.com for your local country contact information

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